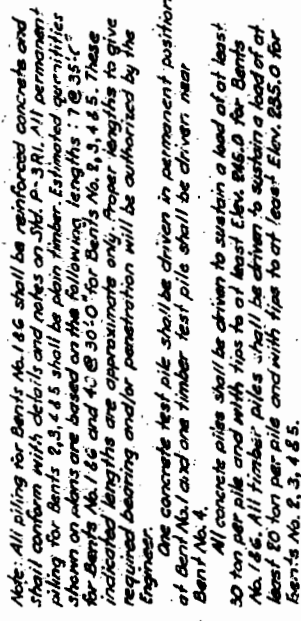


FED. ROAD DIST. NO.	STATE NO.	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	MO.	3-256-73 (SC)	19		



Note: Excavation of all existing materials under bridge shall be made to not less than 3'-0" below bottom of steel and not less than 4'-0" outside of curb lines. Payment for this excavation outside the limits of excavation for structure will be made at unit contract price for Roadway excavation.

at Bent No. 1 and one timber test pit shall be driven near Bent No. 4.

All concrete piles shall be driven to sustain a load of at least 30 ton per pile and with tips to at least Elev. 245.0 for Bents No. 1 & 6. All timber piles shall be driven to sustain a load of at least 20 ton per pile and with tips to at least Elev. 235.0 for Bents No. 2, 3, 4 & 5.

[illegible]

GENERAL NOTES:

Note: All bridge excavation made above Elev. 960.0 will be paid for as Class I Excavation for Structures.
All bridge excavation made below Elev. 960.0 will be paid for as Class II Excavation for Structures.

Note: All bridge excavation made above Elev. 960.0 will be paid for as Class I Excavation for Structures.
All bridge excavation made below Elev. 960.0 will be paid for as Class II Excavation for Structures.

GENERAL NOTES:

Design Specifications A.A.S.H.O. 1949

Loading M.B.-44

Structural Steel Stress 18,000 %

Reinforcing Steel Stress 16,000 %

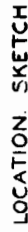
Class "B" Concrete Stress 1,000 %

Where concrete shall be Class "B."

Where joint filler is specified on plans it shall conform with the requirements for Reinforced Material as given in Section 30-19 A (1) of the Standard Specifications.

Paint: Shop prime; field, surface, inaccessible after erection three coats of red lead. No other paint to be applied by the Contractor. Red lead required to be furnished by the Contractor. Payment for cleaning and painting such surfaces will be included in unit price bid for structural steel.

Notes: 1. Holes in handrail where rivets shall be $\frac{3}{4}$ inch diameter. 2. Field connections shall be riveted, except on field in handrail details, or if the contracting desires to be eliminated all field riveting on this project. Heavy use of "J" turned bolts for connections of slappings and handrail brackets to bracing and for connections of handrail post to handrail brackets. Heads and parts of turned bolts shall be American Standard Heavy Hex. Hex. head bolts will be required for field connections of the 2" slip on rail handrails. See Special Provisions.



STATE ROAD FROM GIDEON EAST

ABOUT 5.1 MILES S.E. OF GIDEON

PROJECT NO. S-456 (5)(SC) STA. 393+65

NEW MADRID COUNTY

SUBMITTED BY V. W. Gooden DATE 4/3/1952
 APPROVED BY Ray M. Whittier DATE 4/3/1952

Drawn Mar. 1952 by B.R.G.
Checked Mar. 1952 by A.A.B.

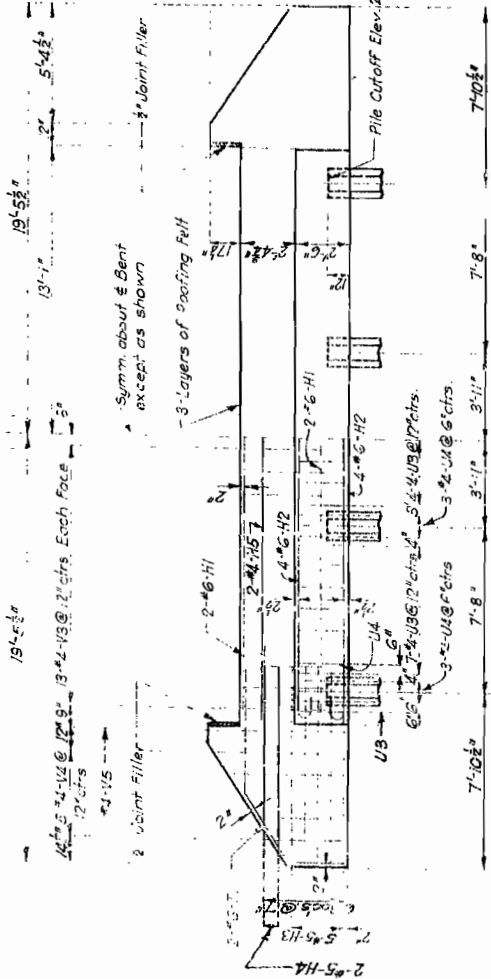
Note: This drawing is not to scale. Follow dimension

Sheet No. 1 of 5

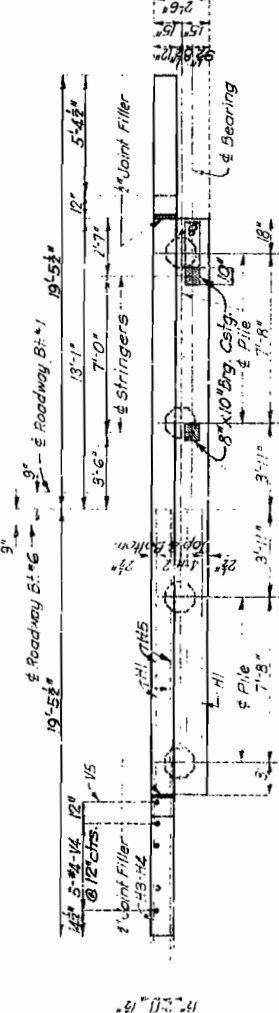
SENIT-MCOT CRYTb 7483 235
SEE FWA PLAYS CONTAINES

MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO	3-28-30	19		

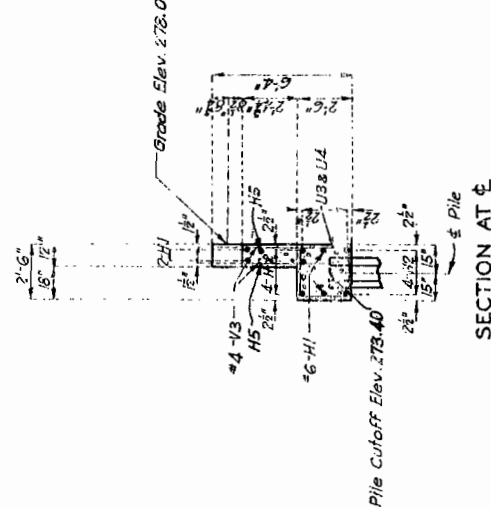


ELEVATION



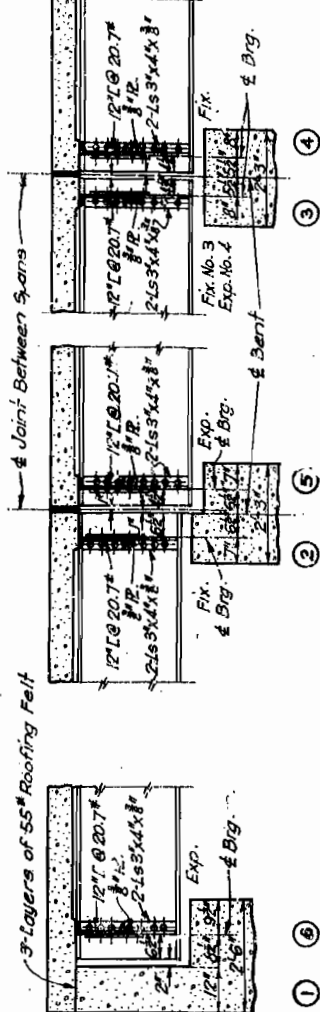
PLAN

DETAILS OF END BENTS NO. 1 & 6

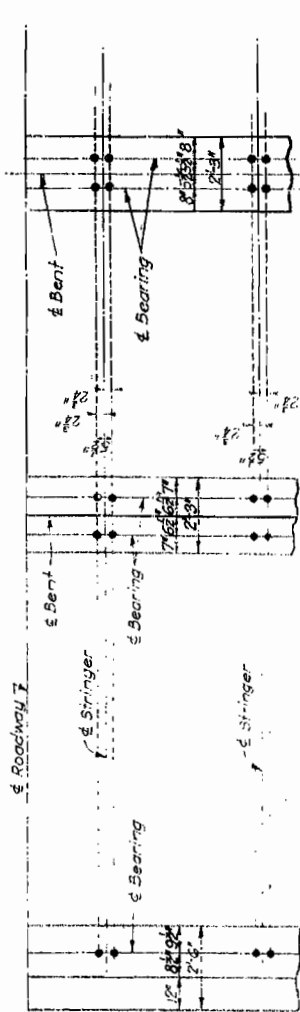


SECTION AT C

COMPLETE BILL OF REINFORCING STEEL			
No.	Size	Length	Location
Bent No. 1 & 6			
8	#6	25'-9"	Beam
16	#6	27'-9"	H2
20	#5	8'-9"	H3
8	#5	8'-0"	H4
4	#4	26'-3"	H5
8	#6	12'-0"	Wing
46	#4	9'-9"	U3
28	#4	3'-3"	U4
104	#4	4'-6"	V3
8	#4	9'-0"	V4
4	#4	6'-0"	V5
Bent No. 2, 3, 4 & 5			
64	#6	7'-3"	D1
32	#6	8'-3"	F1
32	#6	9'-0"	F2
4	#4	23'-0"	G1
24	#6	25'-0"	G2
24	#6	25'-0"	G3
8	#6	23'-0"	G4
Bent No. 7			
4	#4	23'-0"	G1
24	#6	25'-0"	G2
24	#6	25'-0"	G3
8	#6	23'-0"	G4
Bent No. 8			
4	#4	23'-0"	G1
24	#6	25'-0"	G2
24	#6	25'-0"	G3
8	#6	23'-0"	G4
Bent No. 9			
4	#4	23'-0"	G1
24	#6	25'-0"	G2
24	#6	25'-0"	G3
8	#6	23'-0"	G4
Bent No. 10			
4	#4	23'-0"	G1
24	#6	25'-0"	G2
24	#6	25'-0"	G3
8	#6	23'-0"	G4



PART LONGITUDINAL SECTION NEAR ROADWAY



PART ANCHOR BOLT PLAN

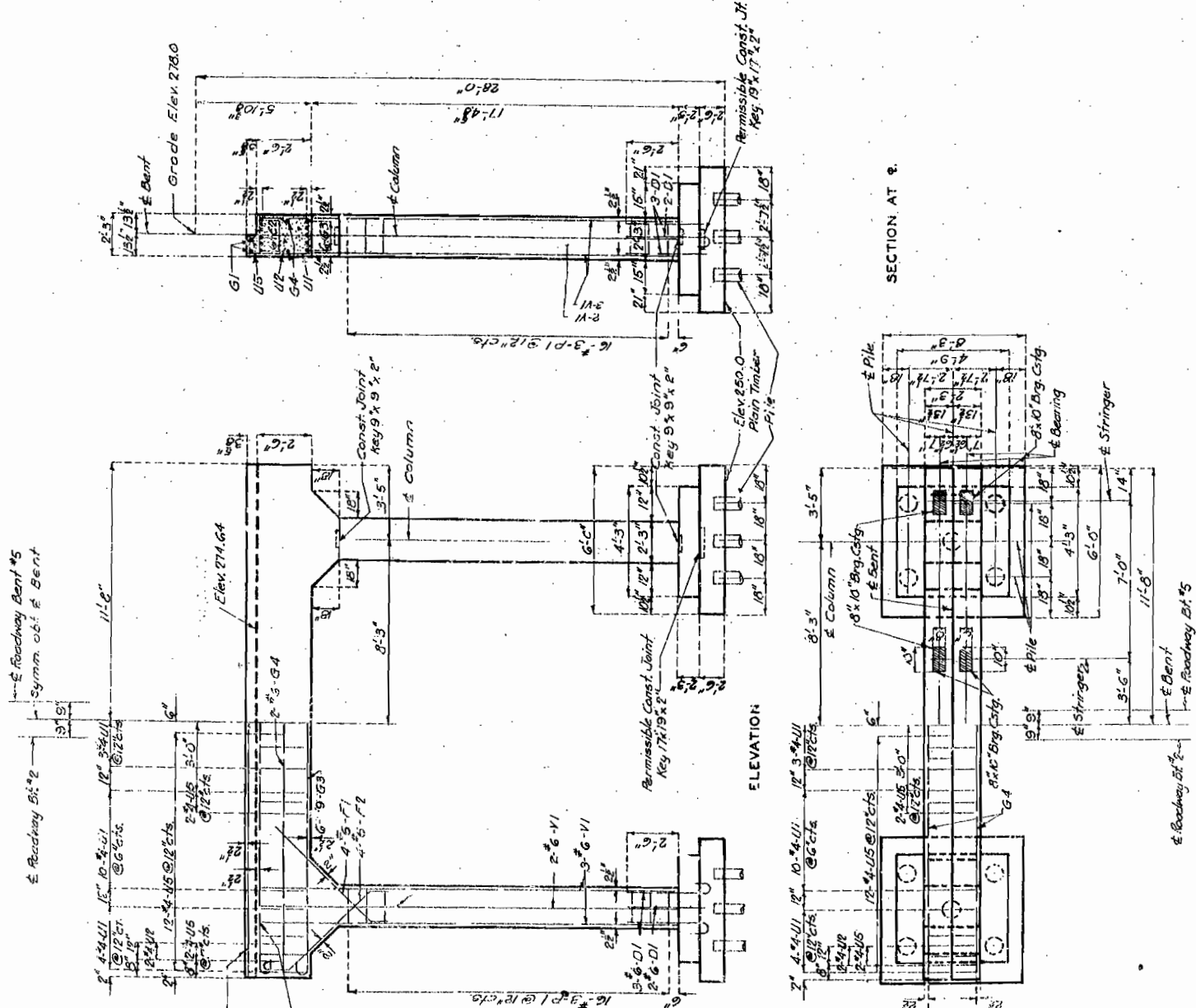
BRIDGE OVER DRAINAGE DITCH NO. 251

STATE ROAD FROM GIDEON EAST
ABOUT 5.1 MILES S.E. OF GIDEON
PROJECT NO. S-456 (S) (SC) STA. 393 + 65

NEW MADRID COUNTY

MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FISC. YEAR	PROJ. NO.	YEAR	NO.	TOTAL SHEET
5	MO	1935	5-456 (S)	19		



PLAN
DETAILS OF INTERMEDIATE BENTS NO. 2 & 5

PLAN
DETAILS OF INTERMEDIATE BENTS NO. 3 & 4

BRIDGE OVER DRAINAGE DITCH NO. 251
STATE ROAD FROM GIDEON EAST
ABOUT 5.1 MI. S.E. OF GIDEON
PROJECT NO. S-456 (S) (SC) STA. 393+65
NEW MADRID COUNTY

Assembled Mar. 1932 by D.B. & B.G.
Checked Mar. 1932 by A.A.B.

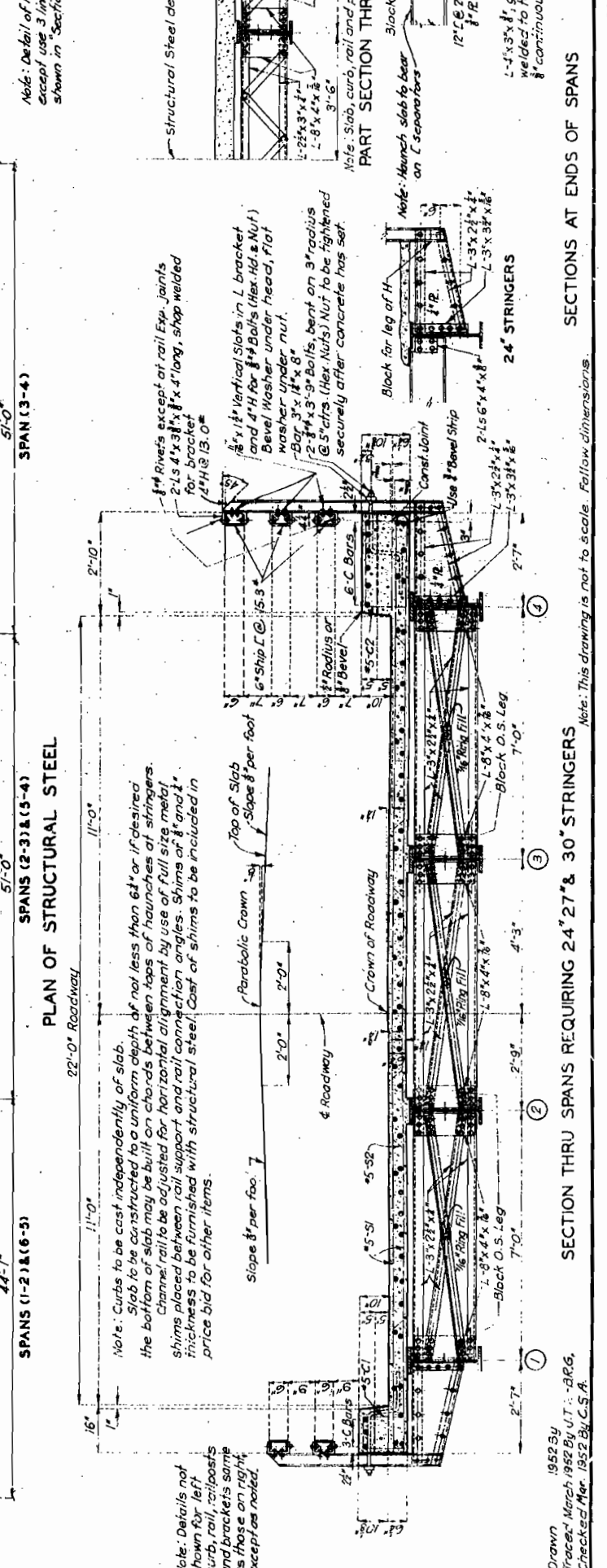
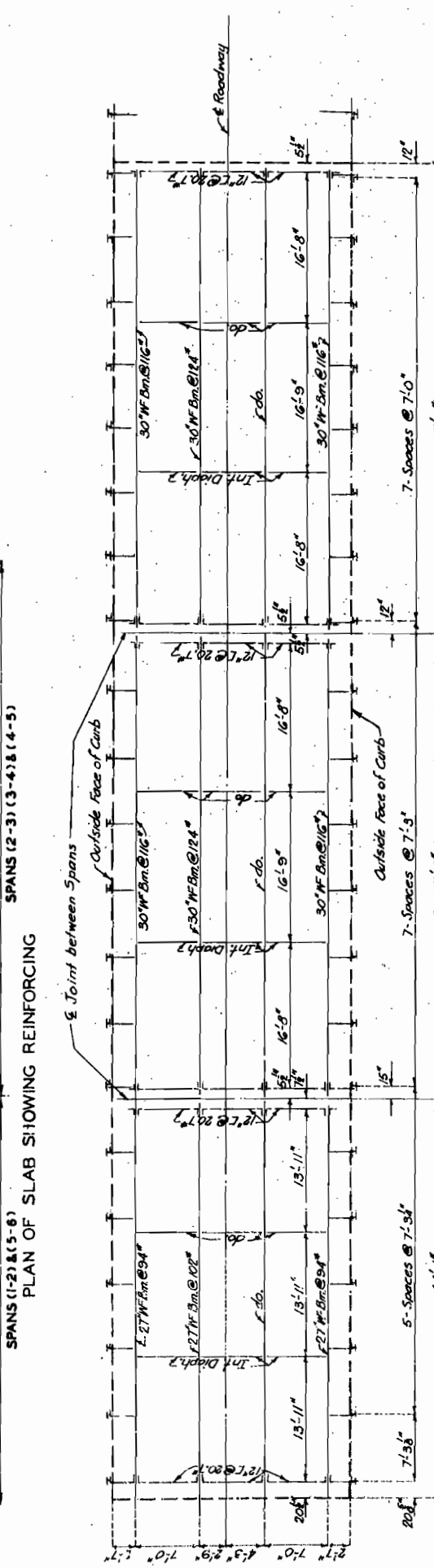
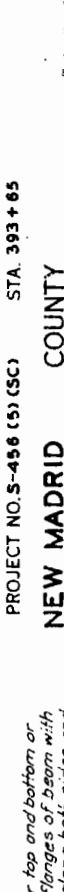
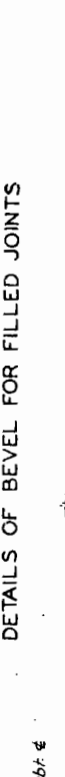
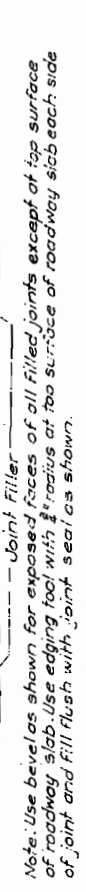
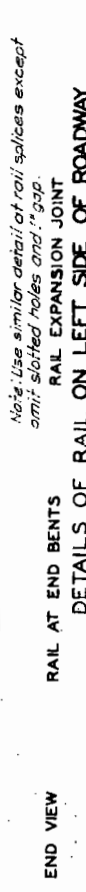
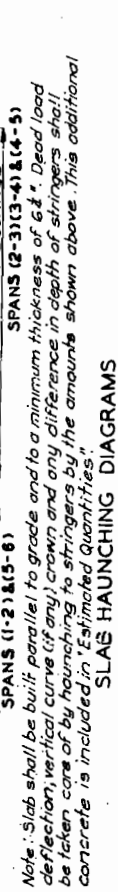
Note: This drawing is not to scale. Follow dimensions.

Sheet No. 3 of 5

L-455

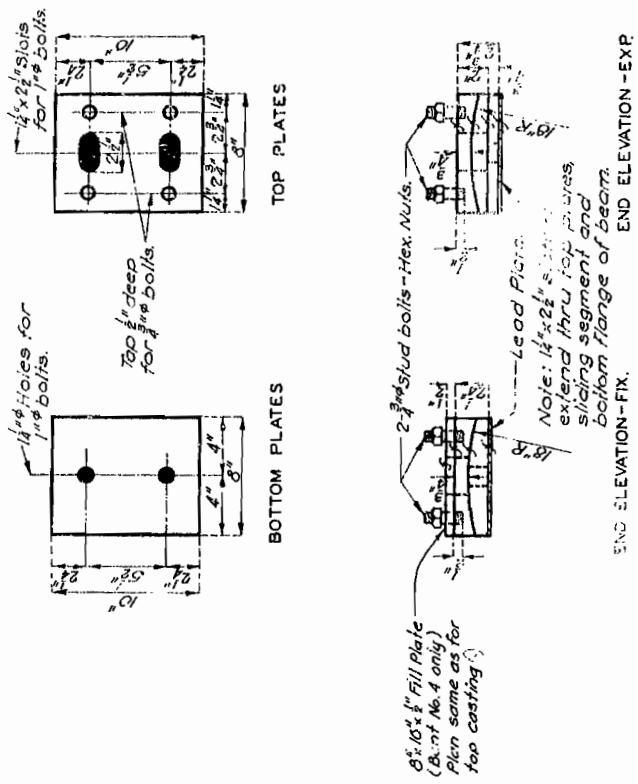
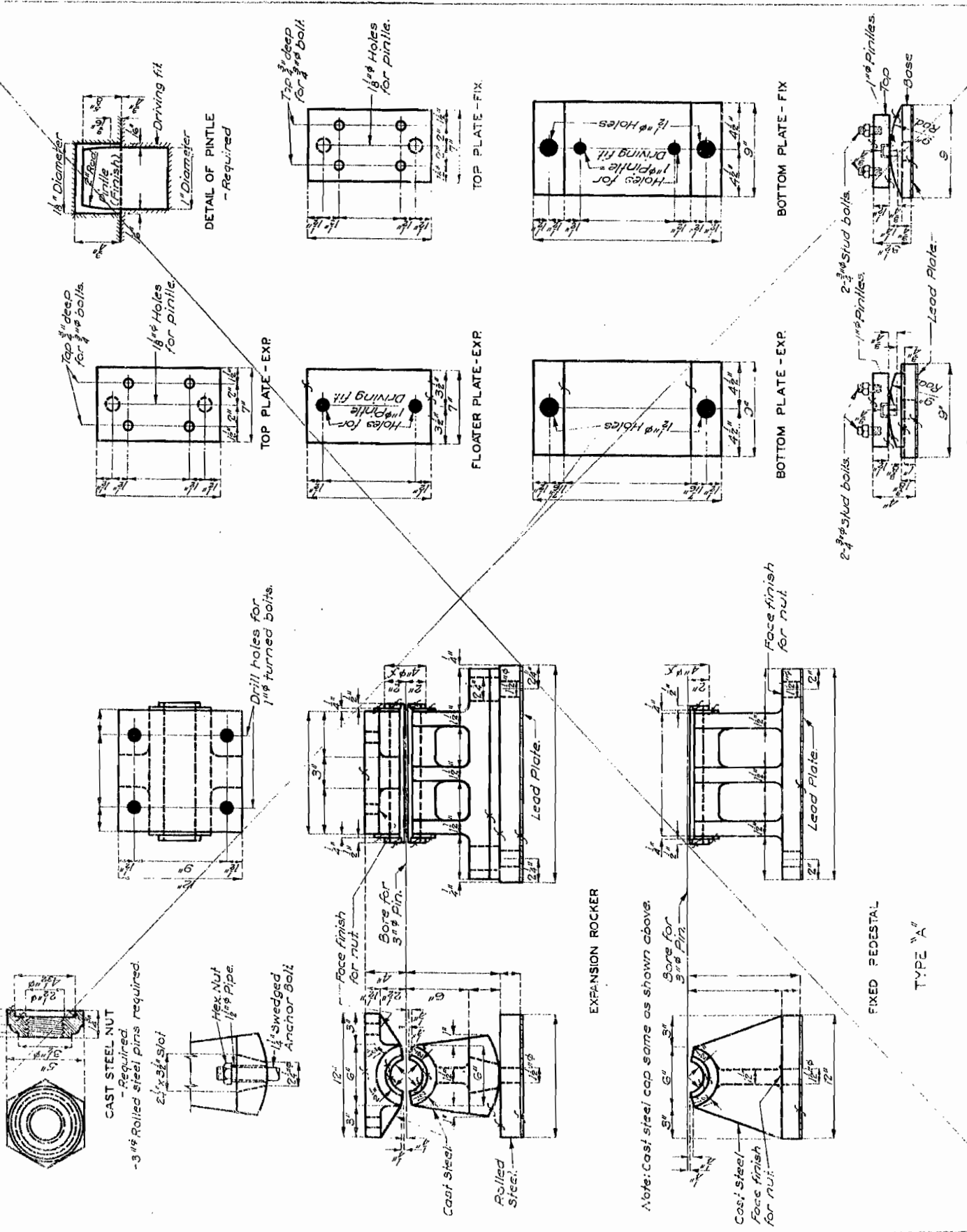
74

	Stringer No. 1	Stringer No. 2	Stringer No. 3	Stringer No. 4
0.0	0.0	0.0	0.0	0.0
0.1	0.1	0.1	0.1	0.1
0.2	0.2	0.2	0.2	0.2
0.3	0.3	0.3	0.3	0.3
0.4	0.4	0.4	0.4	0.4
0.5	0.5	0.5	0.5	0.5
0.6	0.6	0.6	0.6	0.6
0.7	0.7	0.7	0.7	0.7
0.8	0.8	0.8	0.8	0.8
0.9	0.9	0.9	0.9	0.9
1.0	1.0	1.0	1.0	1.0

[illegible]

MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO	1935	15	25



Each set consists of 5 plates each.

TYPE "C"

GENERAL NOTES:
Finish all surfaces marked X.
All filllets for Type "A" castings shall have 3" radius.
Material for Type "A" castings shall be Cast steel,
except as noted. Material for Type "B" and Type "C"
castings shall be either Gray Iron Alloy or Cast Steel
but payment will be made as Gray Iron Alloy.
All pins, bolts, nuts, pipe sleeves, rolled steel
and pinholes shall be paid for as structural steel.
Anchor bolts for Type "A" and Type "B" castings
shall be 1 1/2" swaged bolts with Hex nuts and
shall extend 12" into concrete.
Anchor bolts for Type "C" castings shall be 1 1/2"
swaged bolts, no heads or nuts and shall extend
10" into concrete. Top ends of anchor bolts shall
be above the top of castings but not higher than
1/4" below the top surface of the bottom flange of beam.
Lead plates under bearings shall be approximately 8" thickness
and weigh 3 1/2 Sq. Ft. Cast of lead plates shall be included in price
bid for other items.

TYPE "B"

TYPE "A"

BRIDGE OVER DRAINAGE DITCH NO. 251

STATE ROAD FROM GIDEON EAST
ABOUT 5.1 MILES S.E. OF GIDEON
PROJECT NO. S-456 (S) (SC) STA. 393 + 65

NEW MADRID COUNTY

DETAILS OF BEARING CASTINGS

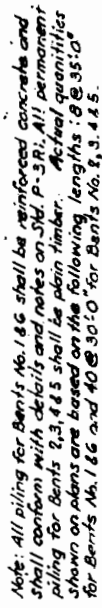
Note: This drawing is not to scale. Follow dimensions.

Assembled Mar 1952 by D.B. & B.R.G.
Checked Mar 1952 by A.A.B.

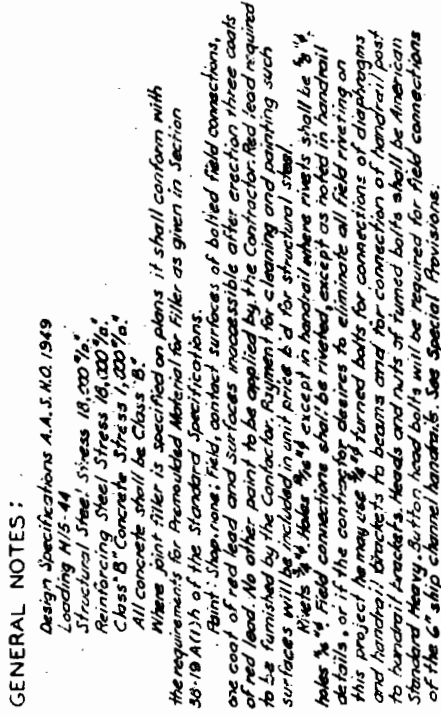
Sheet No. 5 of 5

L-435

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.	3-45- (S) (3C)	19		



All concrete piles shall be driven to sustain a load of at least 30 ton per pile and with tips to at least Elev. 245.0 for Bents No. 1 & 6. All timber piles shall be driven to sustain a load of at least 20 ton per pile and with tips to at least Elev. 235.0 for Bents No. 2, 3, 4 & 5.



Note: All bridge excavation made above Elev. 260.0 will be paid for as Class 1 Excavation for Structures.
All bridge excavation made below Elev. 260.0 will be paid for as Class 2 Excavation for Structures.



B.M. Elev. 278.55 N.1.S.W.R. 12" Cottonwood 50' Lt. S. 1/4. 393 + 59

STATE ROAD FROM GIDEON EAST
ABOUT 5.1 MILES S.E. OF GIDEON
PROJECT NO. S-456 (5)(SC) STA. 393+65
NEW MADRID COUNTY

RECEIVED
STDP-3RI
STDC-10CR
L-455

RECEIVED BY U. W. Carroll DATE 4/3/1952
APPROVED BY Rex M. Whitte DATE 4/3/1952

Sheet No. 1 A of 1

Note: This drawing is not to scale. Follow dimensions.

Drawn Mar. 1952 by E.F.G.
Checked Mar. 1952 by A.A.B.

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